



## 75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71

### RF Connectors Technical Data Sheet

PE44263

#### Configuration

- 1.6/5.6 Plug Connector
- 75 Ohms
- Straight Body Geometry
- RG59, RG62, RG71 Interface Type
- Crimp/Solder Attachment

#### Features

- Gold Plated Brass Contact
- 3  $\mu$ in minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE44263 75 ohm 1.6/5.6 plug connector with crimp/solder attachment for RG59, RG62 and RG71 is part of our full line of RF components available for same-day shipping.

Our 75 ohm 1.6/5.6 plug connector PE44263 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

1.215 in [30.86 mm]

0.425 in [10.80 mm]

Weight

0.021 lbs [9.53 g]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 3 $\mu$ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 $\mu$ in minimum
Coupling Nut	Brass	Nickel 100 $\mu$ in minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE44263](#)



## 75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71

### RF Connectors Technical Data Sheet

PE44263

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

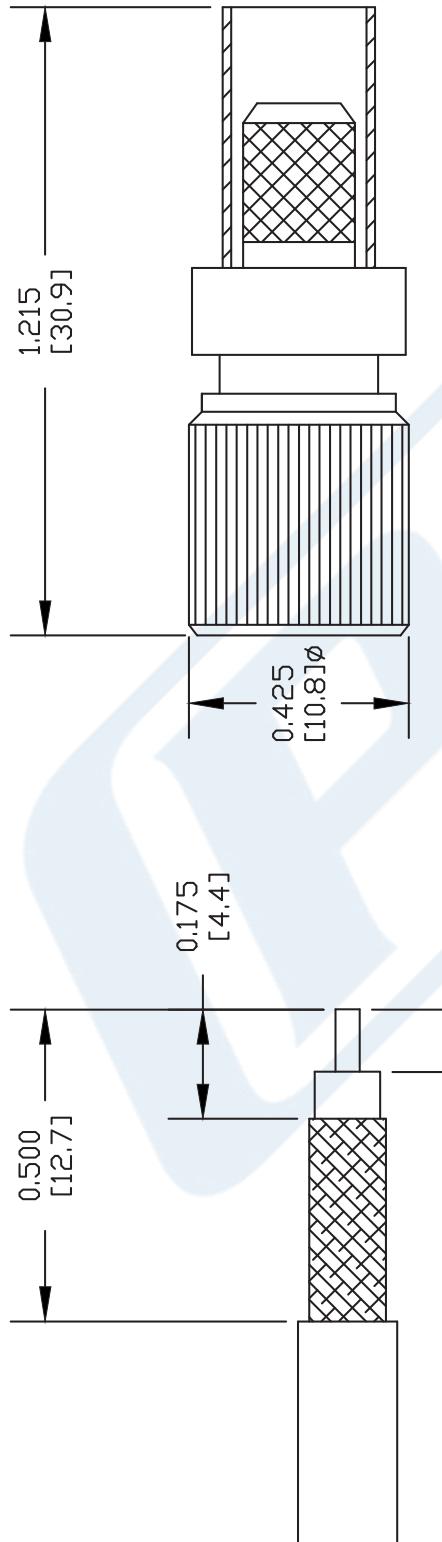
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE44263](#)

URL: <https://www.pasternack.com/1.6-5.6-plug-standard-rg59-connector-pe44263-p.aspx>

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# PE44263 CAD Drawing

75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71



CONTACT: .068" HEX CRIMP TOOL  
FERRULE: .255" HEX CRIMP TOOL

**PE** **PASTERNAK**®

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DWG TITLE  
**PE44263**

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

FSM NO.	CAD FILE	SCALE	SIZE	A
53919	070202	N/A	A	xxxx



## 75 Ohm BNC Female Bulkhead Mount Connector Clamp/ Solder Attachment for RG59, RG62, RG71, .480 inch D Hole

### RF Connectors Technical Data Sheet

PE4637

#### Configuration

- BNC Female Connector
- MIL-STD-348
- 75 Ohms
- Straight Body Geometry
- RG59, RG62, RG71 Interface Type
- Clamp/Solder Attachment
- Bulkhead

#### Features

- Silver Plated Contact
- Contact plating according to QQ-S-365

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- CATV

#### Description

Pasternack's PE4637 75 ohm BNC female bulkhead connector with clamp/solder attachment for RG59, RG62 and RG71 (.480 inch D hole) is part of our full line of RF components available for same-day shipping. This BNC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 75 ohm BNC female bulkhead connector PE4637 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Mechanical Specifications

##### Size

Length

1.15 in [29.21 mm]

Width/Dia.

0.688 in [17.48 mm]

Weight

0.055 lbs [24.95 g]

#### Material Specifications

Description	Material	Plating
Contact		Silver QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm BNC Female Bulkhead Mount Connector Clamp/Solder Attachment for RG59, RG62, RG71, .480 inch D Hole PE4637](#)



## 75 Ohm BNC Female Bulkhead Mount Connector Clamp/ Solder Attachment for RG59, RG62, RG71, .480 inch D Hole

### RF Connectors Technical Data Sheet

PE4637

#### Environmental Specifications

##### Temperature

Operating Range

-65 to +165 deg C

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

75 Ohm BNC Female Bulkhead Mount Connector Clamp/Solder Attachment for RG59, RG62, RG71, .480 inch D Hole from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm BNC Female Bulkhead Mount Connector Clamp/Solder Attachment for RG59, RG62, RG71, .480 inch D Hole PE4637](#)

URL: <https://www.pasternack.com/bnc-female-standard-rg59-connector-pe4637-p.aspx>

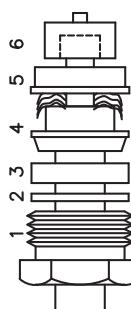
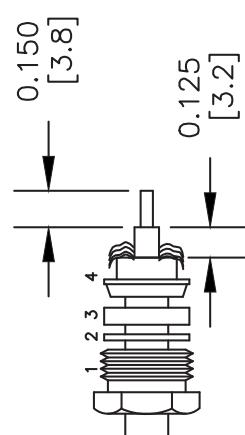
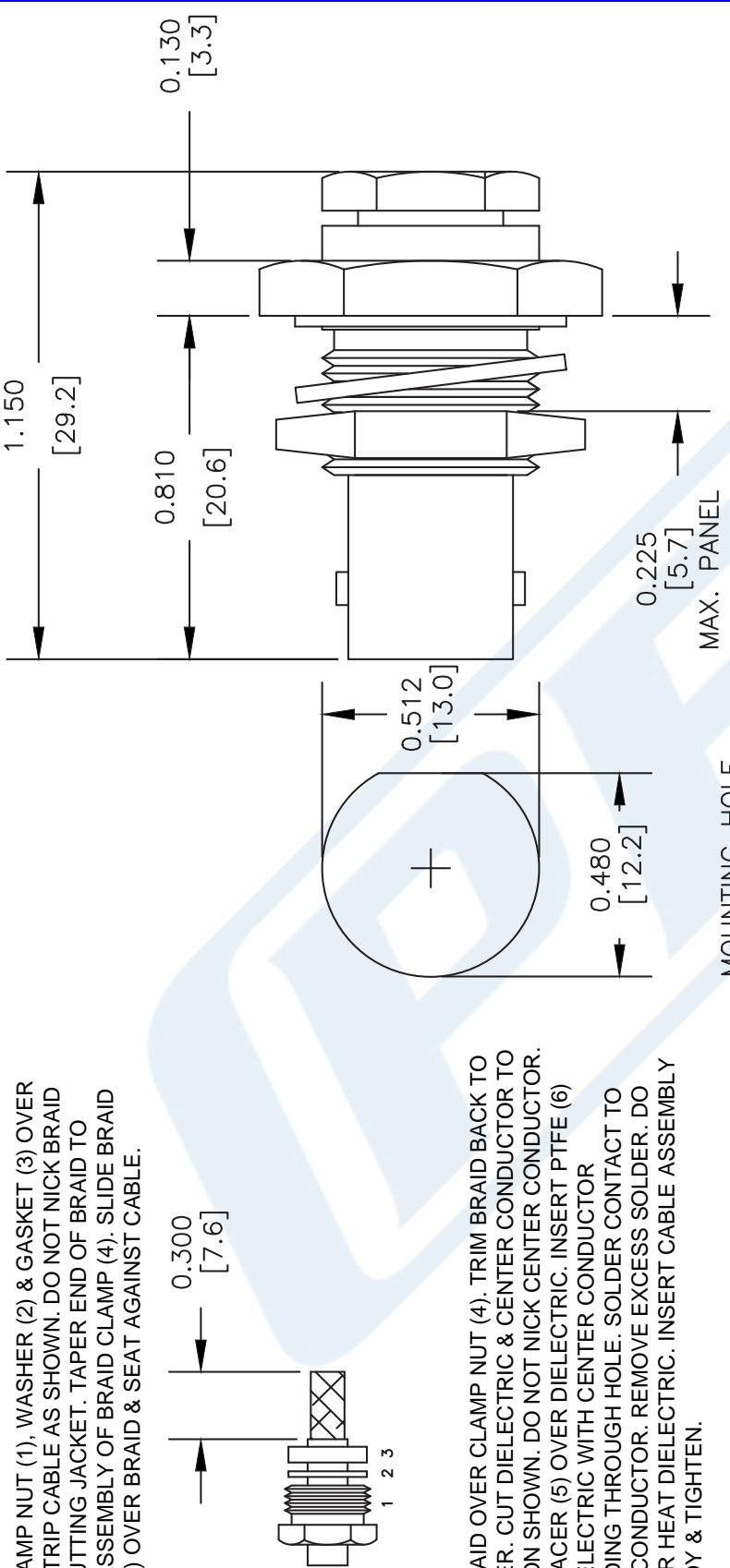
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# PE4637 CAD Drawing

75 Ohm BNC Female Bulkhead Mount Connector Clamp/Solder Attachment for RG59, RG62, RG71, .480 inch D Hole

## ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.
2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SLIDE SPACER (5) OVER DIELECTRIC. INSERT PTFE (6) OVER DIELECTRIC WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



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DWG TITLE  
**PE4637**

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CAD FILE 042110-A SCALE N/A SIZE A XXXX

## 75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

RG59B/U

#### Configuration

- Flexible Cable
- 1 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5	GHz
Impedance		75 ±3		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			2,300	Vrms
Nominal Capacitance		20.4 [66.93]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5		GHz
Attenuation, Typ	1.1	3.3	11.5	41		dB/100ft
	3.61	10.83	37.73	134.51		dB/100m
Input Power (CW), Max	1,300	310	77	27		Watts

#### Mechanical Specifications

Diameter	0.242 in [6.15 mm]
Weight	0.039 lbs/ft [0.06 Kg/m]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, 1 Strands	0.022 in [0.56 mm]
Conductor Type	Solid	
Dielectric	PE	0.146 in [3.71 mm]
First Shield	Copper Braid	0.165 in [4.19 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG59B/U](#)

## 75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

RG59B/U

Jacket	PVC (NC), Black	0.242 in [6.15 mm]
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#### Environmental Specifications

##### Temperature

Operating Range

-40 to +80 deg C

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

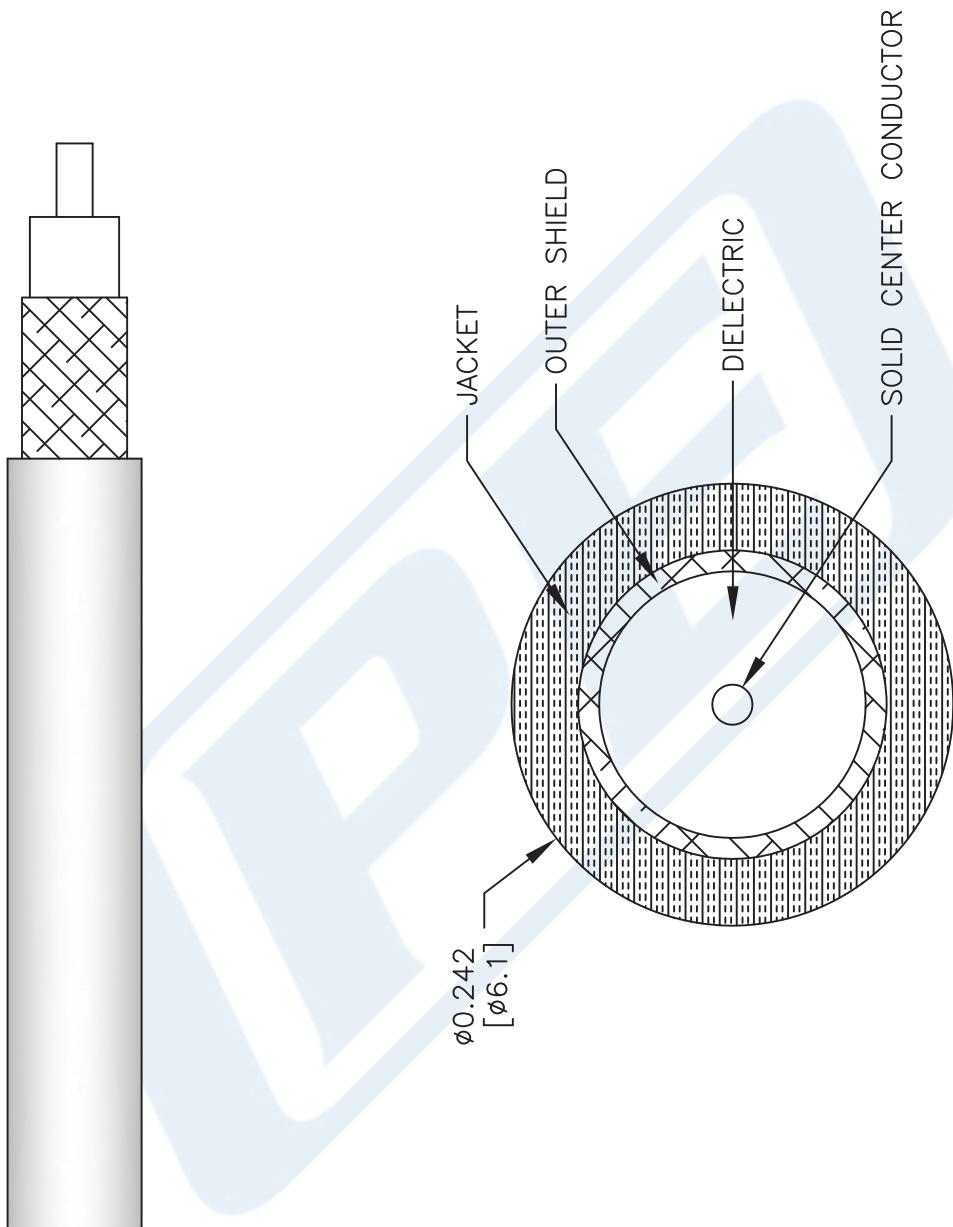
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URL: <https://www.pasternack.com/flexible-0.242-rg59-75-ohm-coax-cable-pvc-jacket-rg59b-u-p.aspx>

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# RG59B/U CAD Drawing

75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket



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DWG TITLE	RG59B/U
FSCM NO.	53919

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